



August 2001

Next General Meeting

The SCDXC meets the second Thursday of the month. Our next meeting will be held at 7:30 PM August 9, 2001 at Syd Kronenthal Park in Culver City. The park is located 4 blocks west of La Cienega Blvd. and 2 blocks south of Washington Blvd. From the 10 Freeway exit La Cienega south to Washington Blvd. Turn right (west) 4 blocks to McManus Ave (it's La Cienega Ave to the right, McManus to the left). Turn left (south) 2 blocks to the Park. The street dead-ends at the parking lot.

Please do not park in the school lot.

August meeting will feature Leo Fahmie, KJ6HI, Leo will be demonstrating the new Kenwood TS-2000.

Soap Box—Words from our President



Hello everyone,

I can't believe another month has come and gone, but here we are starting on the downward slide into the winter months. The WX this past month has been FB up here in the desert and before too long will be time to start improving the grounds and cleaning up

the connections on the antennas for the winter and low band seasons. In fact, there's only 4 months until our Holiday Party if you can believe that! Speaking of parties, I heard we had a great turnout at the Club's picnic and I would like to give a big "Job Well Done" to Skip, KJ6Y and Rich, W6VX for the outstanding effort put fourth for the enjoyment of all. I would also like to thank all the members who helped support this function in many other ways. Although yours truly had a couple of errands to run that day I did make it to the park about 1500Z only to find a handful of people left! Oh well, better late

than never. While I'm thinking about it, I would like to send a special Thank You to the SCDXC Board for all its effort in solving the unexpected issues that we've been dealt this year and the team effort they put fourth in improving our club and its functions. It's a blessing for all of us that we have such enthusiastic members who are all over taxed with their daily lives and still giving 100 percent to the operation of this great club. This also includes the few "low key" members who are not on the board but are always there to assist us however they can.

(Continued on page 2)

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Summer Bash at W6YA's — See ya there!

The San Diego DX Club will again host this year's summer bash for all DXers on Sunday, August 26, at the QTH of W6YA in Leucadia, south of Oceanside. Take I-5 south past the La Costa exit to Leucadia Blvd. Go east 1/2 mile to Woodley Place and turn right. DO NOT turn on Passiflora Avenue; it is the street AFTER Passiflora Avenue. Drive to the end of the street. Carpooling is encouraged, due to limited parking. Time is 1-5 PM. Bring your club badges. Food and liquid refreshment is provided. If you get lost, call (760)753-8900. There may be people monitoring 144.415, the local DX coordinating frequency.

Hope to see you there!
73, Jim W6YA

The Veeeeeep Speaks

It's been a very hectic month for me. Been very busy traveling, both work and personal business, and haven't had much time to be on the air. I was working in the San Francisco Bay area last month and this month. Hopefully I'm done up there for awhile, but I do have to take my daughter, KF6BFM, up to San Francisco State.

Thank you to Dave Bell, W6AQ for filling in on short notice with his Video on the WRTC 2000. Dave always does a great job speaking, and his video was very well done. I wonder if he's thought of going into the "BIZ".



Our program this month is Leo Fahmie, KJ6HI, of six-meter fame and Kenwood. Leo will be demonstrating the new Ken-

wood TS-2000 and all it's features. I also asked him to bring the new handheld that covers 2 meters, 220, and 440. He'll see if he can sneak one out for a demo.

Remember the W6YA Summer Bash is Sunday, Aug 26th in Leucadia. See the announcement elsewhere in the BULLETIN for more information and directions. It's always a fun time getting together with the San Diego group.

I want to thank all who have expressed their condolences on the passing of my father last month.

See everyone at the meeting.

Skip, KJ6Y

(Continued from page 1)

I must say, I really enjoyed last months presentation by Dave Bell on the "Ham Radio Olympics" I often wondered how the best of the best battled it out and I think Dave's personal and professional touch really came through. The SCDXC is always looking for new types of presentations and if any of you members have any ideas of points of contacts, let us know! We have several new members and many old timers who probably have lots of new and old stories to tell along with general good information that many of us would like to hear. Presentations on Propagation, Digital or Satellite DXing, Beginning Contesting techniques for the new comer, Low Level/QRP DXing, New Products, etc, etc would be some great ones. The VP works hard every month trying to bring you new and exciting presentations but we need your inputs and assistance in order maintain these top-notch programs and functions. Remember this is Our club, and Our members support is what makes this the best DX Club in the world !

C U in the pileups, 73

Spotting Derby

The propagation gods were asleep this past month. But, some of the gang were out in full swing. Here are the numbers for this month.

| Call | spots | points |
|--------|-------|--------|
| ----- | ----- | ----- |
| W6LAX | 101 | 187 |
| W6AUG | 80 | 170 |
| AD6KQ | 83 | 135 |
| W6VX | 60 | 125 |
| KG6OK | 33 | 109 |
| K6IRA | 61 | 91 |
| WA6TLA | 28 | 91 |
| N6OU | 56 | 71 |
| K6YRA | 15 | 66 |
| N6DHz | 27 | 61 |
| W6YOO | 24 | 55 |
| N6KZ | 20 | 47 |
| W6ZH | 21 | 39 |
| K6ACZ | 25 | 36 |
| KC6T | 10 | 35 |
| W6SR | 17 | 33 |
| WA5VGI | 9 | 30 |
| W6AAB | 19 | 27 |
| N6RT | 8 | 23 |
| WA6WXd | 7 | 20 |
| KN6H | 10 | 16 |
| K6FR | 5 | 15 |
| W6KK | 14 | 14 |

de K6EXO



| | | |
|-------|---|----|
| N6AV | 4 | 14 |
| W6EA | 3 | 14 |
| K6YUI | 2 | 12 |
| N6IC | 9 | 11 |
| WO6M | 5 | 11 |
| K6FG | 3 | 8 |
| K6GXO | 3 | 8 |
| KR6C | 2 | 5 |
| W7RF | 2 | 5 |
| K6WS | 5 | 4 |
| K6SY | 1 | 3 |
| K6WM | 1 | 3 |
| W6EJJ | 1 | 3 |
| KJ6Y | 2 | 2 |
| AA6NP | 1 | 1 |
| K6RO | 1 | 1 |
| W6FW | 1 | 0 |

Ham Puzzle

by Milt W6RJO

Answer to the July puzzle

Milt gives us his answer to last months brain teaser.

Let "1" stand for a switch ON, and "0" for OFF. Since his kid sneaked in and pushed switches Nos. 1 and 3 to ON, the initial switch "state" when VHH arrives is 101. He must get from state 101 to 111 in 7 pushes, pushing one button at a time. The only way to do this, without a repetition of an on-off sequence is: 001, 011, 010, 000, 100, 10, 111.

That is, he pushes switch No. 1 to OFF, giving 001. Then 2 to ON, giving 011, etc. So the switch push sequence is:

1,2,3,2,1,2,3.

KN6H gave this answer.

"Milt, assuming all three switches are off (state 000) and are in series so that power only comes on with all switches closed (state 111), the following would be a workable sequence:

All switches are off (state 000) before anything is pushed

The kid comes in and presses 1 and 3, turning them on (state 101)

1) VHH pushes 1, turning it off (state 001)

2) VHH pushes 2, turning it on (state 011)

3) VHH pushes 3, turning it off (state 010)

The remaining states, never duplicating, to get things going on the 7th and

final push would be as follows:

4) VHH pushes switch 1, turning it on (state 110)

5) VHH pushes switch 2, turning it off (state 100)

6) VHH pushes switch 1, turning it

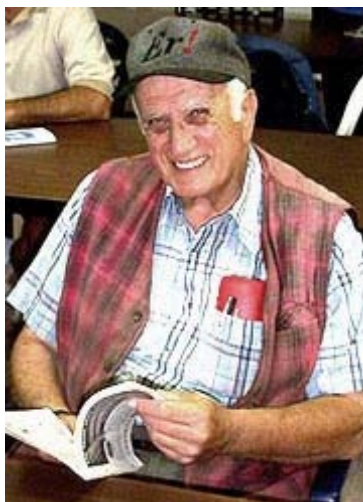
off (state 000)

This brings him back to the initial conditions so he can turn on power by pressing all three, turning each on (state 111).

There are other sequences for steps 4, 5 and 6 but only if more than one switch is pressed at a time.

I hope I understood the problem correctly, the eight possible combinations of three two-state devices?

....Chuck KN6H



This months Puzzle

V.(for veteran) H. Ham has become disenchanted with dx in general, and has gone back to his roots - building crystal sets.

For the coils, he still uses a cylindrical cardboard form whose circumference is 4 inches and length is 9 inches. He only winds 10 turns onto the form as in the diagram. How much wire does VHH use per coil? (no fancy math allowed).

Elmer here

So you answered the last months transmission line theory quiz and want some more.

I think this should be some fun.

1. A quarter wave shorted stub is made of the same line as was used in last months question. It is connected to the output of the same r.f. in the previous question.

How does it effect the circuit impedances, losses and SWR ?

Answer: No effect at all. A 1/4 wave shorted stub has an infinite impedance. Therefore it appears not to be there.

1. What is the VSWR on the short end of the stub ?

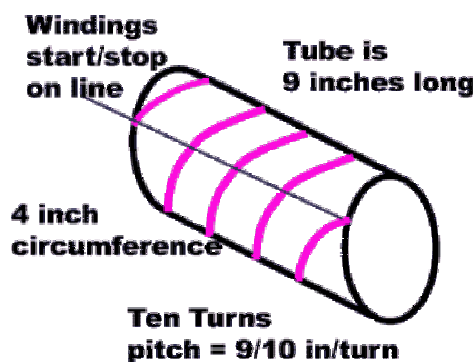
Answer: Infinity

2. And at 1/8 wavelength from the short ?

Answer: Also infinity

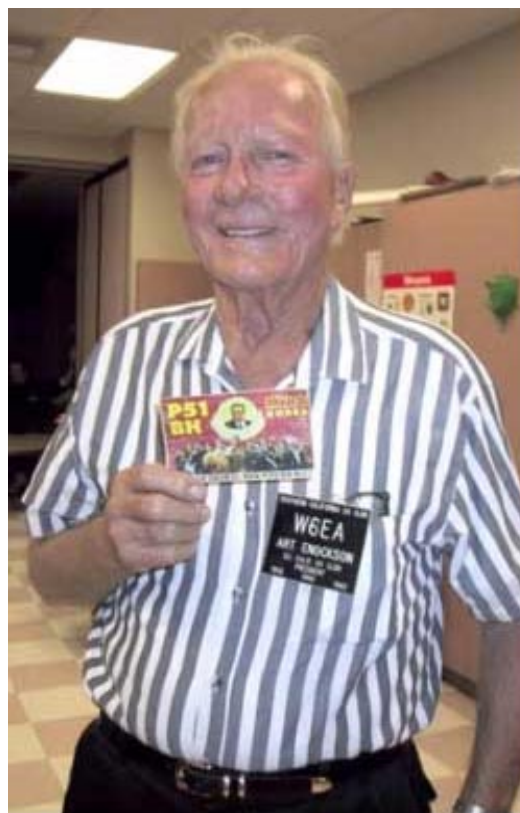
What power is dissipated by the shorted stub ?

Answer: None



(Ed note: Looks here as if this is a recycled product.)

We Remember these QSLs !



Art, W6EA, is one of the very few of the deserving to own his very own P51 card.

The way the politics are in North Korea it may be a long time before this one is "common"

I would smile too if I had one Art!



How about your favorite QSL?

Or what about a picture of the shack?

You can cause envy in the eyes of your fellows too!

Convention is a'Comin

The 2002 Visalia Convention Committee is starting up. If you would like to help please contact Cathy, K6VC.

Ramblings



Arnie, N6HC, is away in KH6 — here be is words.

Here is a picture of NH7/N6HC in Aiea, Hawaii.

The rig on the table is a FT-100 and small switching power supply. The antenna mounted on the railing is an ATAS-100 whip. I only sit that close to the antenna for pictures! The roadway behind me is intrastate H1 and the hills are Aiea Heights. To my left (out of camera view) is the Aloha

Stadium, Arizona Memorial and the Mighty Mo battleship. I enjoyed working Chuck, KN6H, on 15 meters last weekend. Still looking for other club members, mostly on CW. I'll be back on the mainland in late August and return to paradise in late October. Aloha

Arnie

Free Money (If You're Over 54)

According to the National Council on the Aging (NCOA), some 5 million of today's elderly qualify for various public programs, but fail to use these benefits because they or their families are either unaware these entitlements exist or they don't know how to apply for them. As a result, billions of dollars in public-assistance benefits are lost to these folks each year. To assist older Americans, the NCOA has launched a website that enables the elderly and their families to find those federal and state public-assistance programs for which they may qualify.

<http://www.ncoa.org/>

Are You a REAL Ham?

Chuck, KN6H, sent us this "National Real Ham Test"

1. Do you say QSL on voice? _____
2. Do you say "For I.D." after your call? _____
3. Is it rare for you to have a contact longer than 20 minutes? _____
4. Do you check into traffic nets to up the "body count?" _____
5. Do you check into traffic nets for any reason? _____
6. Do you participate in contests and like it? _____
7. Are you overweight and hold an Extra Class license? _____
8. Have you worked more countries than the number of sexual encounters with your spouse? _____
Your friend _____
9. Are you a regular on a two meter repeater? _____
10. Do you dislike children in general? _____
11. Do you ask for help and when received from a number of hams send out a general thank you to everyone in the world? _____
12. Do you think it is wrong to talk about politics or other interesting topics on ham radio? _____

How to Score:

Number of Yes answers:

- 2 or less- are you sure you are a ham?
- 4 to 6- you are on the edge of being human or ham.
- 6 to 8- you are a typical ham, very boring.
- 8 to 10- check your pulse, if you find one re-take test.
- 10 or more. Call the funeral home, send your name into QST as a Silent Key.

??????????

*Here's what the DXer
has been asking for!*



THE AMATEUR RADIO DX HANDBOOK

- Great Circle Bearing Charts
- Designing the DX Antenna Farm
- Finding the rare DX
- International + local regulations
- Scoring on DX contests

\$5. postpaid

Here is an ad that appeared many years ago. Anyone have a copy? And while we are asking questions about the "good ol'days",



can you

Propagation—August 2001 by Shel, W6EL



These predictions for the five prime HF bands show the times when propagation is expected to be best from Los Angeles to several locations that are expected to be active during the coming month. Other times are possible, but with weaker signals or lower probability. Openings are not expected on bands that are not listed. A solar flux of 145, corresponding to a sunspot number of 103, and an average geomagnetic field are assumed.

Sunrise/sunset times are at the DX location. All times are UTC.

Good luck and good DX from Shel, W6EL.

ZK1 South Cook Is. - 8/11 to 8/16 -
Beam 222 degrees
Sunrise/sunset (on 8/14) 1701/0419
80: 0630-1300.
40: 0430-1330.
20: 0200-1330 and 1600-1630.

TY Benin - 8/11 to 8/29 -
Beam 65 degrees
Sunrise/sunset (on 8/20) 0546/1800
80: 0400-0530.
40: 0200-0630.
20: 2330-0800.
15: 2000-0130.

FR Reunion - 8/15 to 8/28 -
Beam 24 degrees
Sunrise/sunset (on 8/22) 0239/1403
40: Long path 1230-1430.
20: 0230-0400 and 0000-0030.
Long path 1130-1500 and 0230-0400.
15: 0330-0430.

J8 St. Vincent - 8/16 to 8/27 -
Beam 97 degrees
Sunrise/sunset (on 8/22) 0957/2219
80: 0500-0900.
40: 0300-1000.
20: 0030-1130.
15: 1300-0500.
10: 1730-2300.

HS Thailand - 8/13 to 9/5 -
Beam 314 degrees
Sunrise/sunset (on 8/25)
2308/1128
40: 1230-1330.
20: 1300-1500 and 0930-1000.
15: 2300-0700 and 1630-1730.

QSL via de Franz, DJ9ZB

| Call | via |
|--------|--------|
| 3B6RF | HB9AGH |
| 3G4P | CE4PBB |
| 3V8DJ | I5JHW |
| 3W2FM | UA0FM |
| 3W2KF | F5PBL |
| 3W9HRN | DL1HRN |
| 4K6GF | TA2ZV |
| 4L70 | DL7BY |
| 4U1WB | KK4HD |
| 7Q7KZ | JA2LZF |
| 8Q7DD | W4WET |
| 8Q7KK | HA2SX |
| TP5CE | F6FQK |
| TX5CW | ZL3CW |
| TX8G | LA9GY |
| UK8GK | RW6HS |
| V31GI | PA3GIO |
| V31MD | KB6NAN |
| V63KX | JE8KKX |
| VK9CXF | G3TXF |
| VK9KXP | SP9EVP |
| VQ9NL | W4NML |
| VU2TS | I1YRL |

W6 Incoming QSL Bureau

(ed note: This appeared in the San Diego DX Club Newsletter and is reprinted with permission.)

The W6 Incoming QSL Bureau is staffed by over two dozen dedicated California radio amateurs who volunteer their time to distribute DX QSL cards to you.

General information which applies to all the ARRL-supported U.S. Incoming QSL Bureaus is available from the ARRL Web pages. Although the Incoming Bureau system operates under the guidance of ARRL, you are not required to be an ARRL member to use it.

A few things specific to the W6 Bureau are:

The W6 QSL Bureau prefers to supply envelopes for you. Each envelope, including one first class stamp, is 50 cents each through 31 July 2001. On 1 August 2001, the price increases to 60 cents each. You must send a self-sticking label with your call sign, name and address for each envelope ordered. The Bureau suggests you order a minimum of four (4) envelopes and no more than ten (10) at one time. If you normally receive many DX QSLs, please send additional funds to purchase stamps for additional postage.

You may send your own envelopes but they must be 5" x 7 1/2", #35. DX QSLs do not fit in smaller envelopes and larger envelopes do not fit in our files. If you decide to use your own 5" x 7 1/2", you must:

Address the envelope horizontally with your name clearly printed or typed. Good rubber stamp impressions or self-sticking labels may be used but should be large enough to be readable.

--Your call sign in letters 1/4" to 1/2" high should be printed clearly in the upper left-hand corner, but no name or return address under the call sign.

--Place one first class stamp (for one ounce) in the upper right hand corner. You may send stamps for extra postage,

but a cash deposit is preferred. You may send a check or money order payable to "6th District QSL Bureau". An individual account will be kept for you and when more envelopes or postage are required, you will be advised.

Your account is maintained by, and cards shipped from, an individual letter sorter as determined by the first letter following the "6" in your call sign. The individual sorters are literally spread throughout California. When you send envelopes, monies or an inquiry, it may be several weeks before your individual letter sorter receives them. We distribute sorted cards and envelopes to the individual sorters monthly. If your mail arrives at the Post Office just after a pickup, it is very likely that it will be 6-7 weeks before your sorter receives it. If he or she sends you a shipment of cards in the meantime, your account status would not show your latest submission. It should appear on the next shipment however.

This bureau is asking for your cooperation pertaining to call sign changes. Effective immediately when you have changed your call sign, please open an account with the bureau under your new call. Your existing account will be kept open and after approximately a year, your existing envelopes and postage credits will be transferred to your "new" account. Implementing this policy will significantly reduce the delay in getting your QSL cards to you. Currently, your cards have to be transferred from segment manager to segment manager, creating a significant delay. Thanks for your cooperation. If you have any other questions, please contact us at n6qek@arrl.net.

Tall, Taller , ,



Here is the aluminum at W6VX. From time to time our roving camera reporter will be by to take a photo of yours

Amateur Radio RF Safety Calculator

Check this out. <http://n5xu.ae.utexas.edu/rfsafety/> This is a main beam power density estimation program intended for use as part of a routine evaluation of RF safety compliance with FCC regulations.

Remember, you must do these calculations and attach them to your log to show compliance.

ARRL in The News

New bands?

A petition filed this week by the ARRL could result in a new high-frequency band for US amateurs. The ARRL has asked the FCC to allocate 5.250 to 5.400 MHz to the Amateur Service on a domestic (US-only), secondary basis

ARRL Board Calls for Congressional Action on CC&Rs

Meeting July 20-21 in Connecticut, the ARRL Board of Directors adopted a goal of legislative action to provide amateurs the same protections from real estate covenants, conditions and restrictions now enjoyed under FCC rules by home satellite dish owners and others receiving over-the-air broadcast signals.

Board members felt that amateurs should be granted the right to install an antenna having a visual impact similar to that of a home television satellite dish or other antenna that falls under the FCC's Over the Air Reception Devices (OTARD) policy. In 1999, the FCC reaffirmed the OTARD rule that prohibits restrictions that impair the installation, maintenance or use of antennas used to receive video programming.

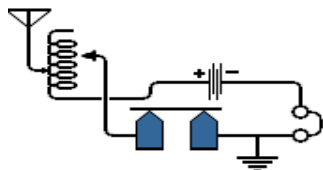
Surfing the NET

Check out
[/www.midnightscience.com/](http://www.midnightscience.com/)

This is an entire site about building Crystal Sets.

Lots of fun

The Xtal Set Society



Letters to the editor

Harvey,

Mady (KP3YL/W6) and I (W6/G3MHV) are now in Japan for 6 months - until the end of the year. We are in Fukuoka, the largest city on Kyushu Island (IOTA AS-77). Listen for us on CW on 7/14/21/28 MHz. We operate near the low end of the bands - e.g. 14010-14020. Our calls are 7J6AAB (Mady) and 7J6ABN (me).

Mr. Editor.

I think the SCDXC guys would be interested in this excellent service.

www.VistaPrint.com is offering 250 business cards FREE with many colors, formats, type fonts to choose from.

By using my call sign as my Company Name and "Amateur Radio Station" as Company Motto, a very nice business card can be designed that serves nicely as an eyeball QSL card. The only cost is \$4.95 for mailing.

Check it out.

..Chuck

EDITOR,

I could not believe this could happen.

It seems that many people who do not like cellular phones, (including restaurant patrons and owners and theater owners who do not like cellular phones ringing, are buying cell phone jamming equipment. I think that Canada is considering legalizing the sale and use of these jammers, and if Canada legalizes them, the FCC will probably follow.

Hey — why can jammers be sold and legal when I get a hard time from the neighbors when I so much as key my 10 watt CW rig during prime time?

What do the other guys in the club think?

(interesting. Wonder where I can get one? I hate to listen to someone talking on a fone at the table next to mine at Round Table... ed)

AA6EE offers Books!

Duane, AA6EE is offering SCDXC members discount prices on Callbook & ARRL items. When you purchase the Callbook Summer 2001 CD you will have free access to worldwide changes that have occurred since the CD was published. This online lookup will allow you to get new call signs instantly, as they are issued.

Callbook CD 2001 Summer Edition: \$38.95 including s/h USA
QRZ v17 CD: \$17.95 including s/h USA

NEW: Reflections II by Walt Maxwell: \$18.95

NEW: Antenna Zoning for the Radio Amateur (#8217 - \$49.95): \$44.95

NEW: Ham Radio Magazine CD-ROMs (1968-1990 #HRCD \$149.85):

\$139.95 including s/h USA

NEW: Travel Plus for Repeaters CD v5 2001-2002: \$34.95 LTO

Any other ARRL item available at discount. More items on Web site: <http://www.radiodan.com/aa6ee/> E-mail for s/h.

Send check to: (CA residents add 7%)

Duane Heise, AA6EE
(760)789-3674

16832 Whirlwind Ln #SCDXC

aa6ee@earthlink.net

Ramona CA 92065

<http://www.radiodan.com/aa6ee/>

NEEDED

**We always need your stuff for the Newsletter.
Be a published author.
Receive acclaim from your peers.
Help fill this newsletter with fun stuff.
Email to the Editor**

Who We Are —

The SCDXC News letter is published monthly by the Southern California DX Club.

Please notify the publisher if you have a change of address, or have found an error.

Please direct all submissions for the SCDXC News letter to the editor.

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The Publishing team consists of :
W6AUG and AD6KQ

FOR SALE

John AC6FB (310) 675-0732.
Has the following for sale.

70' free-standing Hy-Gain heavy duty crank up. BRAND NEW, laying on a driveway in Hawthorne, has never been installed. Owner moved into a condo with prohibitive CC&Rs. Rebar cage for the foundation with mounting hardware and original steel shipping straps all included. Weighs 1100 lbs, original cost \$3200, will sell for \$800, pick up only.

40-mtr 2-el beam, model RM-2. Best offer.

Satellite beams, 20-el 2-meter, 40-el 440. Best Offer.

20-mtr monoband 3-el beam, model 204BA. In Hawthorne. Best Offer.

Call Chuck KN6H (310) 325-3184 or KN6H@arrl.net for these items.

40' tubular free-standing 2-section crankup tower on the ground in Torrance. Good condition. Elderly ham has moved to Santa Barbara. Asking \$30 and will include a 2-mtr vertical.

Hy-Gain 3-el 10-15-20 m tri-bander. Disassembled, ready for pickup in Torrance. Stainless hardware, appears to be in good shape, is about 8 years old. Asking \$20.



Expert Tower and Antenna Installation, Sales and Service
New and Used Equipment
TV Systems - Satellite TV

Skip Bolnick, KJ6Y
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Woodland Hills, CA 91367
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e mail KJ6Y@aol.com
<http://members.aol.com/kj6y/skip.html>

COMMUNICATIONS SERVICE COMPANY

FOR SALE

HY GAIN 204BA 4 EL. 20 Meter, full size beam. NEW IN BOX.
\$350.00

HY GAIN 203BA 3EL.20 Meter full size beam. NEW IN BOX.
\$150.00.

Contact: Don Guerard K4IMG.
323-225-5096

MEMBERSHIP APPLICATION, New or Renewal

Return to: Harvey Shore, 6433 Pat Avenue, West Hills, California 91307

CALL _____ NAME _____ DATE _____

MAILING ADDRESS _____

CITY/STATE/ZIP _____

E-MAIL _____

HOME TELEPHONE (____) ____ - _____ WORK TELEPHONE (____) ____ - _____

SPOUSE NAME/CALL (if desired to be listed in roster) _____

SCDXC Dues are \$18.00 per year, make checks payable to SCDXC